Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 10/812,285 ARNESON ET AL. Examiner Art Unit 2617 Wayne Cai (Through numeral) Rejected Non-Elected Appeal Α Ν Cancelled 0 **Allowed** Restricted Interference Objected

The color of the	Cla	im Date						CI	Date							Claim			Date														
S2	Final	Original	90/5/9									Final	Original									i di	rinai	Original									
S2		1	N	H	\dashv	T		┢	†	\vdash	Н		51	Н	\dashv	\dashv	\dashv	\dashv	+		-	\vdash	\dashv	101	\dashv	\dashv	\dashv	一	T		\dashv	\dashv	ᅥ
3		2	N	П						\vdash	П			П	\neg		_	\top	1		7					\neg	寸	T			T	ヿ	目
4 N 1 D4 5 N 1 D5 6 N 1 D5 7 N 1 D5 8 N 1 D6 10 V 56 9 N 59 10 V 60 111 V 61 12 V 62 13 V 63 14 V 66 15 V 66 16 V 66 17 V 66 18 V 68 19 V 69 11 V 68 11 V 66 12 V 10 14 V 66 64 111 11 V 66 11 V 66 11 V 66 11 V 66 11 V 111 12 V 112 13 V 111 66 115 11 V 111 12 V 112 12 V 112 12 V 112 12 V 112 12 V		3	N										53					\top	\top		7			103		\neg		\neg				\neg	\neg
6		4											54											104								\Box	
S				Ш	_				_	┖				Ш		\perp				Ш	_			105								\Box	
S			_	Ц	\perp			_	L	L	Ш	ļ		Ц	_	\perp	_	4	\perp	Ш	_			106				_	_		_	\dashv	
9 N				Ш	\dashv				<u> </u>		Н				_	4	4	4	\perp	\sqcup	_	\perp	_				_	_	_	_	\perp	\dashv	\perp
10	<u> </u>		_	\sqcup	_	_			L		\square	ļ	58	Ш	_	_	4	4	_	Ш	4	\vdash	_	108		\dashv	\dashv	_	_	_	_	_	_
11				H	-	_			┢		\square				+	-+	+	+	+	\vdash	_	-				-	\dashv	-	-			-	\dashv
12 V	<u> </u>			\vdash	-	-		-	⊢	H	\vdash			\vdash	-		\dashv	+	+-	-	-	-				\dashv	\dashv	-	-		\dashv		\dashv
13 V				$\vdash \vdash$	\dashv	\dashv	-	-	\vdash	\vdash	H	-		┥	\dashv	\dashv	\dashv	+	+-	\vdash	\dashv	-	\dashv			+	\dashv	-			\dashv	\dashv	\dashv
14				Н	\dashv	\dashv	-	\vdash	\vdash	\vdash	\dashv	-		 - 	\dashv	+	+	+	+-	+	\dashv	\vdash	\dashv		\dashv	\dashv	\dashv	-	-		\dashv	\dashv	\dashv
15	_			Н	\dashv	\dashv	-		 -	\vdash	\vdash			$\vdash \vdash$	\dashv	\dashv	\dashv	\dashv	+	\vdash	\dashv	\vdash	┪	114			\dashv	-	\dashv	\dashv	-	\dashv	\dashv
16					一	\neg	_	<u> </u>	\vdash	\vdash	H			$\vdash \vdash$	\dashv	+	\dashv	十	+	\vdash	\dashv	\vdash	ᅱ	115		\dashv	\dashv	\dashv	\dashv			\dashv	\dashv
17				\Box	ヿ				П		\Box			H	十	十	+	\dashv	+		\dashv	\vdash	_	116		-	\dashv	\neg	\neg		\dashv	\dashv	\dashv
18 V				П		\exists			П		\Box			\vdash	\dashv	\dashv	\top	+	\top	\sqcap	\dashv			117		7	\dashv	一	\dashv		\dashv	一	\dashv
19			√			\neg			T					П	T	\top	\top	T	1	\Box	\neg					ヿ	\dashv	ヿ	\neg		一	\neg	ヿ
To To To To To To To To			1						Г	Г				П		\neg	寸	\dashv						119		寸	\dashv	\neg	ヿ		1	\exists	ヿ
22 122 123 122 123 124 124 124 124 124 124 124 125 125 125 125 125 126 127 127 128 127 128 127 128 127 128 129 129 129 129 130 130 130 131 131 132 132 132 132 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 135 135 135 135 136 136 136 136 137 137 137 138 139 140 141 141 141 141 141 141 141 142 143 144 144 144 144 144 144 144 144 144 144 144 145 146		20											70											120			\Box						
23 123 123 124 125 125 126 125 126 126 126 127 126 127 127 128 129 129 129 129 129 130 130 130 130 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 135 135 135 135 135 135 136 137 137 138 138 139 139 140 140 140 141 141 141 141 141 141 141 141 142 142 143 144 144 144 144 14			N																					121			\Box						
24 124 124 125 125 126 125 126 125 126 126 127 127 127 127 128 128 129 129 129 130 130 130 131 130 131 131 131 131 131 131 132 132 132 132 133 133 133 134 134 134 134 134 134 134 134 134 135 135 136 136 137 137 137 137 138 138 138 139 140 141 141 142 142 143 144 144 144 144 144 145 146 146 147 148 148 149 14				Ш	\perp	_			L		Ш			Ш										122			\Box						
25			_	Ш	_				L		Ш		73	Ц	\dashv	_	\perp	4			_		_	123		_	_	_	_				
26 76 126 27 77 78 28 78 128 29 129 129 30 80 130 31 81 131 32 83 132 33 83 133 34 84 134 35 86 135 36 86 136 37 88 137 38 88 137 39 90 140 41 91 141 42 92 144 43 94 144 44 94 144 45 96 146 47 98 148 49 99 149				Ш	_	_			Ь.		_		74	Ш	4	_	_	4	4_	\sqcup	_	_	_	124		\dashv	_		_			_	4
27 127 127 128 128 128 128 128 129 129 129 130 130 130 130 130 130 131 131 131 131 131 131 131 132 132 133 13				$\vdash \vdash$			_	<u> </u>	▙					\square	-		4	4	-	\vdash	_	\perp	_			\dashv	_	_	_		_	_	4
28 78 128 129 129 129 129 129 129 130 130 130 131 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 135 135 135 136 137 137 137 137 137 138 138 138 138 138 138 139 140 140 140 140 141 141 142 142 142 142 142 142 142 143 144 144 144 145 145 145 146 147 147 148 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149			_	\vdash	\dashv	_	_		<u> </u>	-	\dashv			\vdash	-+	-+	\dashv	+	+-	₩		-		126		-	\dashv				\dashv	-	4
29 79 129 30 31 31 32 82 131 33 83 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 40 90 140 41 91 141 42 92 142 43 93 143 44 94 94 45 96 146 47 97 147 48 98 148 49 99 149				\vdash	\dashv	\dashv	_	⊢	├-	-	\dashv	-		Н	\dashv	-		4		Н	-	-			_	\dashv					\dashv	-	\dashv
80				\dashv	\dashv	-		\vdash	├	-	\dashv	-		-	\dashv		+	+	+-	\vdash	\dashv	-					-	-	-	-	\dashv	-	\dashv
31 81 32 33 34 83 35 84 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 46 96 48 98 49 99 148 149				\dashv	-	-	\vdash	\vdash	\vdash		\dashv	\vdash		\vdash	+	-	\dashv	╁	╁	╁	\dashv	-		130	-	ᆉ	-+	\dashv		\dashv	\dashv	\dashv	\dashv
32 132 33 133 34 134 35 84 36 135 36 136 37 88 39 88 39 137 40 90 41 91 42 92 43 94 44 93 45 96 46 96 47 97 48 98 49 144 49 99					_	-	-	\vdash	1		\dashv	_		\vdash	\dashv	\dashv	\dashv	+	+	\vdash	\dashv	-	\dashv		\dashv	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	ᅥ
33 133 134 34 134 134 35 85 135 36 86 136 37 88 137 38 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 98 148 49 99 149				\vdash	\neg	\dashv	Н	\vdash			\dashv			\vdash	+	\dashv	\dashv	+	+	\dagger	\dashv	\vdash	\dashv		\vdash	-	\dashv	\dashv	\dashv	\dashv	\dashv	一	\dashv
34 35 36 35 36 36 37 38 37 38 39 38 39 <td< td=""><td></td><td></td><td></td><td>П</td><td>\neg</td><td></td><td></td><td></td><td></td><td>П</td><td></td><td></td><td></td><td>\Box</td><td>\neg</td><td>\dashv</td><td>\dashv</td><td>+</td><td>\top</td><td>\sqcap</td><td>┪</td><td></td><td></td><td></td><td></td><td></td><td>\dashv</td><td>\dashv</td><td>ᅥ</td><td>\dashv</td><td>\dashv</td><td>一</td><td>ヿ</td></td<>				П	\neg					П				\Box	\neg	\dashv	\dashv	+	\top	\sqcap	┪						\dashv	\dashv	ᅥ	\dashv	\dashv	一	ヿ
35 85 36 135 37 136 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 98 48 99 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149		34											84													\neg	\neg	寸	コ		\neg	\neg	ヿ
36 86 37 136 38 137 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 98 49 149																	\Box							135									
38 88	<u> </u>			\sqcup					\Box	Ш				П	\bot	\perp	\perp							136		\Box							囗
39 89 139 40 90 140 41 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149			_	\Box	_	_				Ш		ļ		\sqcup	\perp	\perp	\perp	_			_	L		137		[\Box	_		[[_[_]
40 90 140 41 91 141 42 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149	<u> </u>		_	\sqcup		_	Щ	\sqcup	_	Щ	Щ	<u> </u>		\sqcup	\dashv	4	4	4	4	\sqcup	_	L.	_		Щ	_	_	_	_				_
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 149	<u> </u>		_	\vdash	_		Щ	Щ	_	\vdash	\square			\sqcup	\dashv	4	\dashv	4	-	\vdash	_	<u> </u>			Ц	4	_	_	_		_	_	_
42 92 142 43 93 143 44 93 143 94 144 95 145 46 96 146 97 147 98 148 99 149	<u> </u>	40	_	\vdash		_		\vdash	H	\vdash	\dashv	-		\vdash	+	+	+	-		$\vdash \vdash$	4	\vdash	_	140		-	\dashv	_	_	_	\dashv	-	4
43 93 44 94 45 95 46 96 47 97 48 98 49 149	<u> </u>		-	\vdash		-	Н	\vdash	\vdash	Н	\dashv		91	$\vdash \vdash$	+	+	+	+	+	 	\dashv	\vdash		141	\dashv		\dashv	-	\dashv				\dashv
44 94 45 95 46 96 47 97 48 98 49 148 99 149	<u> </u>		_	\vdash	\dashv	\dashv	-	-		\vdash	\vdash	-		$\vdash \vdash$	-	+	+	+	+	\vdash	\dashv	-	-		-	-	\dashv		-	-		\dashv	\dashv
45 95 46 96 47 97 48 98 49 99	\vdash		_	\vdash	\dashv		\vdash		-	\vdash	\dashv	-	93	$\vdash \vdash$	\dashv	+	+	+	+	\vdash	\dashv	\vdash	\dashv		\dashv		\dashv			-		\dashv	\dashv
46 96 47 97 48 98 49 148	\vdash		-	$\vdash \vdash$	\dashv	\dashv	-	\vdash		\vdash	\dashv	-		Н	\dashv	\dashv	+	+	+	\vdash	\dashv	\vdash	\dashv		\vdash	-	\dashv	-	\dashv	-		\dashv	\dashv
47 97 147 48 98 148 49 99 149	$\vdash \vdash$		\vdash	\vdash	\dashv	\dashv	\vdash		\vdash	\vdash	\vdash	-	96	$\vdash \vdash$	\dashv	+	+	+	+-	++	\dashv	\vdash	\dashv	146		\dashv	\dashv			-	\dashv	\dashv	\dashv
48 98 49 148 149 149			_	\vdash	-	\dashv	\vdash	H		Н	\dashv	-		H	\dashv	\dashv	+	+	+	+	\dashv	-	-		-	\dashv	\dashv	-	\dashv		-	\dashv	\dashv
49 99 149 149				\vdash	_			П		Н	\Box				\dashv	\dashv	\dashv	+	+	-	\dashv	\vdash	\dashv		\vdash	ᅥ		ᅥ	ᅥ	-	ᅱ	\dashv	\dashv
50 100 150 150					\neg					П	\sqcap			М	_	\dashv	\dashv	\dashv	\top	1	\dashv	\vdash	\dashv			寸	\dashv	_	\dashv		1	十	\dashv
													100					_	T					150			一				一	\dashv	\neg